

Abstract

The invention provides novel peptide prodrugs that contain cleavage sites specifically
cleaved by human kallikrein 2 (hK2). These prodrugs are useful for substantially inhibiting the
non-specific toxicity of a variety of therapeutic drugs. Upon cleavage of the prodrug by hK2, the
5 therapeutic drugs are activated and exert their toxicity. Methods for treating cell proliferative
disorders are also featured in the invention.